

ABSTRACT

The invention relates to a motor fuel suitable for diesel, gas-turbine and jet engines and standard engines, comprising a mixture of organic compounds having oxygen-containing functional groups, and optionally a hydrocarbon fraction. The fuel is typically a stable homogeneous liquid at atmospheric pressure and normal ambient temperature and achieves a reduction of harmful pollutants in the exhaust emissions of the engines. A total of at least four different oxygen-containing functional groups are present in at least two different oxygen-containing organic compounds. The total concentration of organic compounds containing bound oxygen in the fuel composition generally varies from 5% and to 100% of the total volume of the fuel composition, and the concentration of the hydrocarbon compounds varies, correspondingly, from 95% to 0% of the total volume of the fuel composition.